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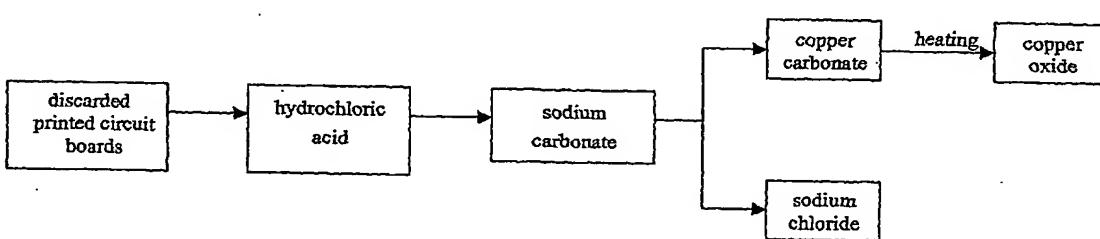
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(54) Title: METHODS AND DEVICES FOR RECYCLING COPPER FROM A DISCARDED CIRCUIT BOARD AND A DISCARDED FLUID CONTAINING COPPER



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(57) Abstract: An eco-friendly method is designed to recycle copper contained in the discarded printed circuit boards and the like. The method involves use of various acids, such as hydrochloric acid, sulphuric acid, oxalic acid, to bring about the ionization of the copper, thereby resulting in formation of copper-containing solutions. The copper is brought back in the form of copper oxide or copper powder by use of various reducing agents. All byproducts produced in the course of recycling the copper are useful for other industrial applications.